

ABSTRACT OF THE DISCLOSURE

A plug valve with improved lubrication elements comprising a valve body, which forms a seat that is connected to an intake port and to a discharge port, and accommodates a plug-type flow control element that controls the ports. Lubrication elements are further provided between the seat and the plug-type flow control element; the plug valve further comprising at least one pair of open lubrication channels, which are provided diametrically in the plug-type flow control element, and at least one pair of open lubrication ducts, which are provided diametrically in the seat.

The pair of open channels is always in contact with the seat during the transfer of the plug-type flow control element from the open position to the closed position, and/or vice versa.